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PTO/SB/21 (08-03)

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Approved for use through 8/30/2003. OMB 0651-0031

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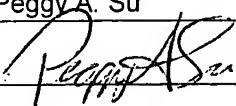
(to be used for all correspondence after initial filing)

		Application Number	10/676,652
		Filing Date	October 1, 2003
		First Named Inventor	Robert C. Chang
		Group Art Unit	2188
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	SANDP035

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	The Commissioner is authorized to charge any additional fees to Deposit Account 50-1652.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Please make the enclosed of record.	

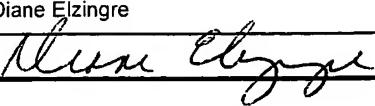
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	RITTER, LANG & KAPLAN LLP Peggy A. Su	
	Reg. No. 41,336	
Signature		
Date	November 12, 2004	

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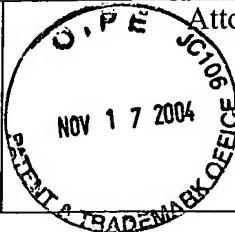
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Signed: Diane Elzingre
Diane Elzingre



Attorney Docket No. SANDP035

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert C. Chang et al.

Application No.: 10/676,652

Filed: October 1, 2003

For: HYBRID MAPPING
IMPLEMENTATION WITHIN A NON-
VOLATILE MEMORY SYSTEM

Examiner: Unassigned

Group: 2188

Commissioner for Patents
P.O. Box 1450
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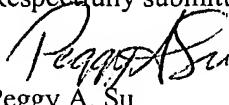
Dear Sir:

The references listed in the attached PTO/SB/08A and PTO/SB/08B, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

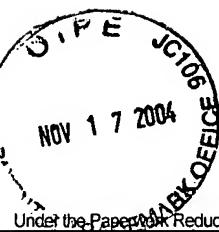
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-1652 (Order No. SANDP035).

Respectfully submitted,


Peggy A. Su
Reg. No. 41,336

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PTO/SB/08A (06-03)

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/676,652
Sheet	1	of		Filing Date	October 1, 2003
				First Named Inventor	Robert C. Chang
				Art Unit	2188
				Examiner Name	Unassigned
				Attorney Docket Number	SANDP035

U.S. PATENT DOCUMENTS						
Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	US-5,930,193		07-27-1999	Achiwa et al.	
	AB	US-6,381,176		04-30-2002	Kim et al.	
	AC	US-				
	AD	US-				
	AE	US-				
	AF	US-				
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	AH	US-				
	AI	US-				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ⁴	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case.

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